

1636

#17

RAW SEQUENCE LISTING

DATE: 06/05/2000

PATENT APPLICATION: US/08/930,480A

TIME: 11:21:36

Input Set : A:\St95021.app

Output Set: N:\CRF3\06022000\H930480A.raw

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3 <110> APPLICANT: BRACCO, Laurent
4   SCHWEIGHOFFER, Fabien
5   TOCQUE, Bruno
7 <120> TITLE OF INVENTION: CONDITIONAL EXPRESSION SYSTEM
9 <130> FILE REFERENCE: ST95021-US
11 <140> CURRENT APPLICATION NUMBER: 08/930,480A
12 <141> CURRENT FILING DATE: 1998-01-21
14 <150> PRIOR APPLICATION NUMBER: PCT/FR96/00477
15 <151> PRIOR FILING DATE: 1996-03-29
17 <150> PRIOR APPLICATION NUMBER: FR95/03841
18 <151> PRIOR FILING DATE: 1995-03-31
20 <160> NUMBER OF SEQ ID NOS: 32
22 <170> SOFTWARE: PatentIn Ver. 2.1
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25 <211> LENGTH: 19
26 <212> TYPE: DNA
27 <213> ORGANISM: Escherichia coli
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30 tctctatcac tgataggga
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36 <213> ORGANISM: Bacteriophage lambda
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39 tatcaccgca agggata
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44 <212> TYPE: PRT
45 <213> ORGANISM: Homo sapiens
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48 Lys Lys Pro Leu Asp Gly Glu Tyr Phe Thr Leu Gln Ile Arg Gly Arg
49 1 5 10 15
51 Glu Arg Phe Glu Met Phe Arg Glu Leu Asn Glu Ala Leu Glu Leu Lys
52 20 25 30
54 Asp Ala Gln Ala Gly Lys Glu Pro Gly Gly Ser Arg Ala His Ser Ser
55 35 40 45
57 His Leu Lys Ser Lys Lys Gly Gln Ser Thr Ser Arg His Lys Lys Leu
58 50 55 60
60 Met Phe Lys Thr Glu Gly Pro Asp Ser Asp
61 65 70
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67 <213> ORGANISM: Artificial Sequence
69 <220> FEATURE:
70 <223> OTHER INFORMATION: Description of Artificial Sequence: ScFv Against
71 p53

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73 <400> SEQUENCE: 4
 74 ttactcgcg cccagccggc catggcccag gtgcagctgc agcagctctgg ggcagagctt 60
 75 gtaaggtcag gggcctcagt caagttgtcc tgcacagctt ctggcttcaa cattaagac 120
 76 tactatatgc actgggtgaa gcagaggcct gaacagggcc tggagtggat tggatggatt 180
 77 gatcctaaga atggtgatac tgaatatgcc ccgaagttcc agggcaaggc cactatgact 240
 78 gcagacacat cctccaatac agcctacctg cagcicagca gcttggcctc tggaggacact 300
 79 gccgtgtatt attgtaattt ttacggggat gctttggact attggggcca agggaccacg 360
 80 gtcaccgtct cctcaggtgg aggcggttca ggcggagggt gctctggcgg tggcggatcg 420
 81 gatgttttga tgacccaaac tccactcact ttgtcgggta ccattggaca accagcctcc 480
 82 atctcttgca agtcaagtca gagcctcttg gatagtgatg gaaaaacata tttgaattgg 540
 83 ttgttacaga ggcagggcca gtctccaaag cgcctaactc atctggtgtc taaactggac 600
 84 tctggagtcc ctgacaggtt cactggcagt ggatcagggc cagatttcac acttaaaatc 660
 85 aacagagtgg aggcgtgagga tttgggagtt tattattgct ggcaaggta acattctccg 720
 86 cttacgttcg gtgctggcac caagctggaa attaaacggg cggccgca 768
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 90 <211> LENGTH: 15
 91 <212> TYPE: PRT
 92 <213> ORGANISM: Artificial Sequence
 94 <220> FEATURE:
 95 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide Arm
 96 (Hinge)
 98 <400> SEQUENCE: 5
 99 Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser
 100 1 5 10 15
 103 <210> SEQ ID NO: 6
 104 <211> LENGTH: 30
 105 <212> TYPE: DNA
 106 <213> ORGANISM: Artificial Sequence
 108 <220> FEATURE:
 109 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide Arm
 110 (Hinge)
 112 <220> FEATURE:
 113 <221> NAME/KEY: CDS
 114 <222> LOCATION: (1)..(30)
 115 <223> OTHER INFORMATION: Peptide Arm Coding Sequence
 117 <400> SEQUENCE: 6
 118 ccc aag ccc agt acc ccc cca ggt tct tca 30
 119 Pro Lys Pro Ser Thr Pro Pro Gly Ser Ser
 120 1 5 10
 123 <210> SEQ ID NO: 7
 124 <211> LENGTH: 10
 125 <212> TYPE: PRT
 126 <213> ORGANISM: Artificial Sequence
 127 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide Arm
 130 <220> FEATURE:
 130 <400> SEQUENCE: 7
 131 Pro Lys Pro Ser Thr Pro Pro Gly Ser Ser
 132 1 5 10
 136 <210> SEQ ID NO: 8

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 138 <212> TYPE: DNA
 139 <213> ORGANISM: Artificial Sequence
 141 <220> FEATURE:
 142 <223> OTHER INFORMATION: Description of Artificial Sequence: VSV Tag
 143 Peptide
 145 <220> FEATURE:
 146 <221> NAME/KEY: CDS
 147 <222> LOCATION: (1)..(18)
 148 <223> OTHER INFORMATION: VSV Tag Peptide Coding Sequence
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 151 atg aac cgg ctg ggc aag 18
 152 Met Asn Arg Leu Gly Lys
 153 1 5
 156 <210> SEQ ID NO: 9
 157 <211> LENGTH: 6
 158 <212> TYPE: PRT
 159 <213> ORGANISM: Artificial Sequence
 160 <223> OTHER INFORMATION: Description of Artificial Sequence: VSV Tag
 163 <220> FEATURE:
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 164 Met Asn Arg Leu Gly Lys
 165 1 5
 169 <210> SEQ ID NO: 10
 170 <211> LENGTH: 33
 171 <212> TYPE: DNA
 172 <213> ORGANISM: Artificial Sequence
 174 <220> FEATURE:
 175 <223> OTHER INFORMATION: Description of Artificial Sequence: myc Tag
 176 Peptide
 178 <220> FEATURE:
 179 <221> NAME/KEY: CDS
 180 <222> LOCATION: (1)..(33)
 181 <223> OTHER INFORMATION: myc Tag Peptide Coding Sequence
 183 <400> SEQUENCE: 10
 184 gaa caa aaa ctc atc tca gaa gag gat ctg aat 33
 185 Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu Asn
 186 1 5 10
 189 <210> SEQ ID NO: 11
 190 <211> LENGTH: 11
 191 <212> TYPE: PRT
 192 <213> ORGANISM: Artificial Sequence
 193 <223> OTHER INFORMATION: Description of Artificial Sequence: myc Tag
 196 <220> FEATURE:
 196 <400> SEQUENCE: 11
 197 Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu Asn
 198 1 5 10
 202 <210> SEQ ID NO: 12
 203 <211> LENGTH: 7

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204 <212> TYPE: PRT
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207 <220> FEATURE:
208 <223> OTHER INFORMATION: Description of Artificial Sequence: SV40 NLS
209     Peptide
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212 Pro Lys Lys Lys Arg Lys Val
213     1             5
216 <210> SEQ ID NO: 13
217 <211> LENGTH: 76
218 <212> TYPE: DNA
219 <213> ORGANISM: Artificial Sequence
221 <220> FEATURE:
222 <223> OTHER INFORMATION: Description of Artificial Sequence:
223     Oligonucleotide
225 <400> SEQUENCE: 13
226 ggctctagac ccaagcccag taccgcccca ggttcttcaa cgcgtggatc catgtccaga 60
227 ttagataaaa gtaaag                                     76
230 <210> SEQ ID NO: 14
231 <211> LENGTH: 51
232 <212> TYPE: DNA
233 <213> ORGANISM: Artificial Sequence
235 <220> FEATURE:
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239 <400> SEQUENCE: 14
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243 <210> SEQ ID NO: 15
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245 <212> TYPE: DNA
246 <213> ORGANISM: Artificial Sequence
248 <220> FEATURE:
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250     Oligonucleotide
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254 cgcataaccc tgaag                                     76
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258 <211> LENGTH: 51
259 <212> TYPE: DNA
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262 <220> FEATURE:
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264     Oligonucleotide
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270 <210> SEQ ID NO: 17
271 <211> LENGTH: 35
272 <212> TYPE: DNA

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273 <213> ORGANISM: Artificial Sequence
275 <220> FEATURE:
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277     Oligonucleotide
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283 <210> SEQ ID NO: 18
284 <211> LENGTH: 43
285 <212> TYPE: DNA
286 <213> ORGANISM: Artificial Sequence
288 <220> FEATURE:
289 <223> OTHER INFORMATION: Description of Artificial Sequence:
290     Oligonucleotide
292 <400> SEQUENCE: 18
293 cgtcggatcc tctagatgcg gccgcgtctg agtcaggccc ttc          43
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297 <211> LENGTH: 31
298 <212> TYPE: DNA
299 <213> ORGANISM: Artificial Sequence
301 <220> FEATURE:
302 <223> OTHER INFORMATION: Description of Artificial Sequence:
303     Oligonucleotide
305 <400> SEQUENCE: 19
306 caggctcgag aagaaaccac tggatggaga a          31
309 <210> SEQ ID NO: 20
310 <211> LENGTH: 61
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312 <213> ORGANISM: Artificial Sequence
314 <220> FEATURE:
315 <223> OTHER INFORMATION: Description of Artificial Sequence:
316     Oligonucleotide
318 <400> SEQUENCE: 20
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320 a          61
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324 <211> LENGTH: 37
325 <212> TYPE: DNA
326 <213> ORGANISM: Artificial Sequence
328 <220> FEATURE:
329 <223> OTHER INFORMATION: Description of Artificial Sequence:
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337 <211> LENGTH: 29
338 <212> TYPE: DNA
339 <213> ORGANISM: Artificial Sequence
341 <220> FEATURE:
342 <223> OTHER INFORMATION: Description of Artificial Sequence:

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VERIFICATION SUMMARY

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TIME: 11:21:37

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Output Set: N:\CRF3\06022000\H930480A.raw

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